Fractional Units and Equal Shares

A. Choose the Correct Answer:

1. Which of the following shows one part out of four equal parts?

a) $\frac{1}{2}$ b) $\frac{1}{3}$

c) $\frac{1}{4}$ d) $\frac{3}{4}$

2. If a cake is divided into 6 equal parts, then each part is:

a) $\frac{1}{6}$ b) 6

c) $\frac{1}{3}$ d) $\frac{1}{2}$

3. What does the denominator in a fraction represent?

a) Total parts taken b) Total number of equal parts

c) Subtracted parts d) Whole number

4. Which of the following fractions is the smallest?

a) $\frac{1}{2}$ b) $\frac{1}{5}$

c) $\frac{1}{3}$ d) $\frac{1}{4}$

5. A chocolate is divided among 4 children equally. Each child gets:

a) $\frac{1}{2}$ b) $\frac{1}{4}$

c) $\frac{1}{3}$ d) 1 whole

B. Write the Missing Terms to Complete the Sentences:

1. A fraction shows a part of a _____.
2. The top number in a fraction is called the _____.
3. When something is shared equally, each share is a _____ of the whole.
4. $\frac{3}{4}$ means three parts out of _____ equal parts.
5. Dividing a pizza into 8 slices and taking 5 is written as _____.

C. Figure out the answers to these questions:

1. Draw a rectangle and divide it into 4 equal parts. Shade 3 parts. Write the fraction of shaded part.
2. Write a real-life situation where $\frac{1}{2}$ of an object is used or shared.
3. Use a number line to show the position of $\frac{1}{4}$, $\frac{1}{2}$, and $\frac{3}{4}$.

4. A rope is cut into 5 equal parts. What fraction of the rope is one part? What fraction are two parts?
5. Explain in one paragraph how equal sharing relates to fractions.
6. Make a story problem that uses the fraction $\frac{2}{5}$ and solve it with a diagram.

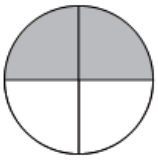
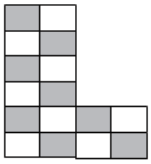
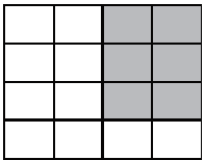
D. Mark each sentence with a True (✓) or False (✗):

1. In the fraction $\frac{2}{6}$, 2 is the denominator. ☐
2. All equal shares of a whole are represented as fractions. ☐
3. $\frac{1}{3}$ is greater than $\frac{1}{2}$. ☐
4. A fraction must always have a numerator and a denominator. ☐
5. Fractions cannot be used to show equal distribution. ☐

E. Challenge yourself with these questions:

1. Divide a chocolate bar into 8 equal parts. If you eat 3 parts, write the fraction eaten and the fraction left.
2. Your mother baked a pie and divided it into 4 equal pieces. You ate 2. What fraction did you eat?
3. Find three examples of fractional units used in your kitchen.
4. Compare the fractions $\frac{2}{6}$ and $\frac{1}{3}$ using "<", ">", or "=".
5. If a bottle is $\frac{3}{5}$ full, how much is empty?
6. You cut a stick into 10 equal parts. Write the fraction of 7 parts.
7. Complete the pattern: $\frac{1}{6}, \frac{2}{6}, \frac{3}{6}$, _____, _____

F. Write the fraction representing the shaded portion:

1. 
2. 
3. 
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